Rethink Ventilation in the Operating Room
Safe – Spontaneous – Simple

SMART VENTILATION CONTROL (SVC)
VENTILATION OPTION OF DRÄGER ZEUS® INFINITY® EMPOWERED

Dräger. Technology for Life®
Low tidal volume built-in

Studies clearly demonstrate the advantages of using lung protective ventilation strategies in the OR in order to reduce the incidence of postoperative pulmonary complications. Smart Ventilation Control (SVC) supports clinicians in complying with recommendations to protect the lungs of surgical patients. Once the target ranges for tidal volume and end-tidal carbon dioxide (etCO₂) are defined, your ventilation assistant, SVC, ensures that ventilation stays within these ranges.

SVC helps to secure ventilation quality and compliance with the most current standard of care – safe, spontaneous, simple!
Current discussions on protective ventilation strategies in the OR aim to reduce pulmonary complications by counteracting the effects of mechanical ventilation. Recent findings in the ICU have led to increasing deployment of spontaneous breathing to the benefit of patients. In the OR, Smart Ventilation Control now supports the patient-oriented transition between fully controlled, assisted and spontaneous ventilation. It can automatically reduce the ventilator support from pure controlled ventilation until the patient is ready for extubation.

SVC ensures that the emerging respiratory drive is gently being taken care of and spontaneous breathing is being fostered – safe, spontaneous, simple!

The earlier a patient can breathe spontaneously throughout a case the better. SVC enables the smooth transition between 100% controlled ventilation and spontaneous breathing, whenever the patient is able to do so – possible by one click.
Clinical knowledge built-in

A tool is of real help when it is intuitive and easy to use. SVC was designed to organically integrate into daily clinical practice giving the clinician the right choices. Once the desired ventilation goal is set SVC, takes over control of the dependent parameters keeping the patient within protective ranges.

SVC contributes to the reduction of complexity in the anaesthesia workplace while high ventilation quality is ensured – safe, spontaneous, simple.
Rethink Ventilation in the OR
Smart Ventilation Control

Your Ventilation Assistant

Safe
- Set one therapy goal, instead of controlling several parameters
- Helps to deploy protective ventilation in the OR
- Controls ventilation settings using evidence-based rule sets

Spontaneous
- Supports the emerging respiratory drive during general anaesthesia if required
- Ensures smooth and individualised transition from controlled ventilation to complete spontaneous breathing

Simple
- Simplifies achieving ventilation goals
- Controls ventilation parameters based on user defined ventilation goal
- Intuitively integrated into the Zeus® Infinity® Empowered user interface

You make the therapy decisions – SVC assists you to get there.

A simple user interface allows you to set the ventilation goal and target ranges easily. With low tidal volumes and a smooth transition from controlled ventilation to spontaneous breathing
SVC – the new ventilation option of Zeus® Infinity® Empowered – offers cutting edge technology and great ventilation comfort for you and your patient.